Applicant: Shkel et al.
Application No.: 10/789,037
Title: Nonresonant Micromachined
Gyroscopes with Structural ModeDecoupling Attorney Docket No.: UC1.PAU.48





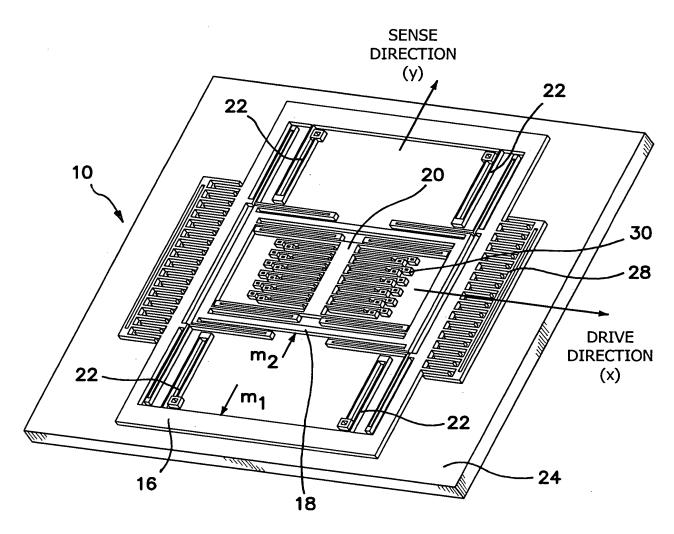
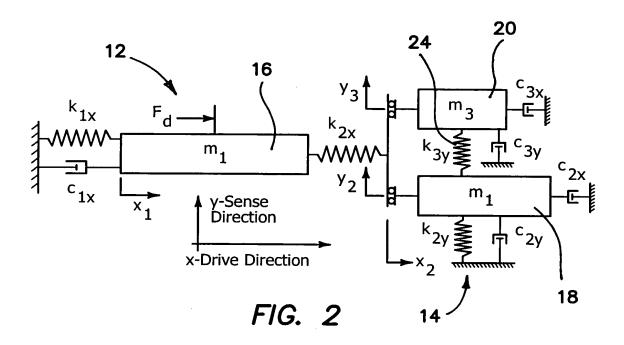


FIG. 1

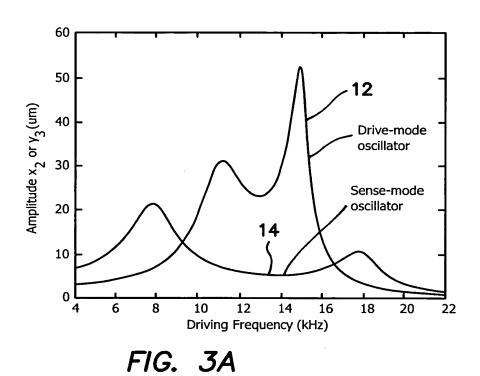
Applicant: Shkel et al.
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Decoupling

Attorney Docket No.: UC1.PAU.48



x10<sup>-6</sup> 2.5  $m_3$ Sense-mode 2 amplitude Amplitude y<sub>3</sub>(um) m<sub>2</sub> Sense-mode amplitude 1.5 1 Operating Region 0.5 0 8 10 12 16 20 14 18 22 Driving Frequency (kHz)

FIG. 3B

Applicant: Shkel et al. Application No.: 10/789,037 Title: Nonresonant Micromachined Gyroscopes with Structural Mode-Decoupling

Attorney Docket No.: UC1.PAU.48

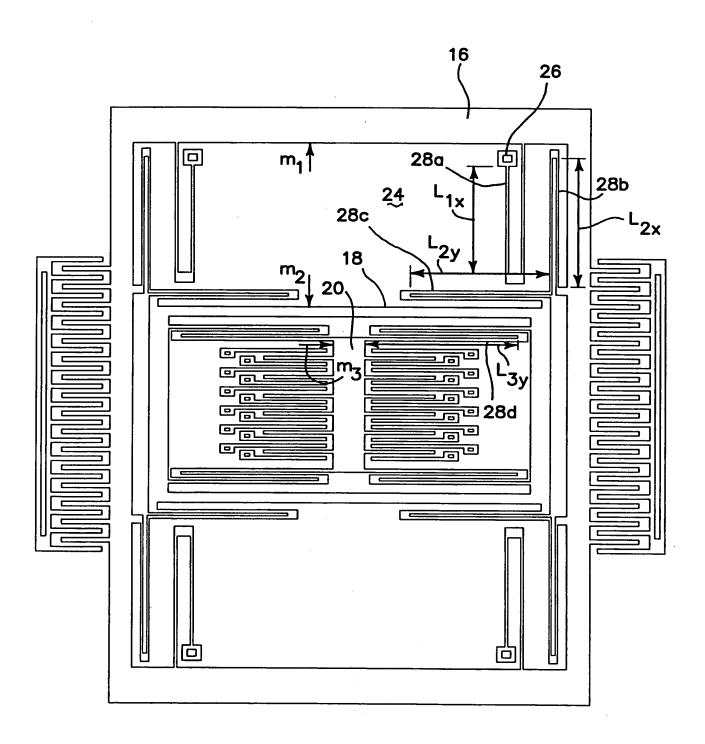
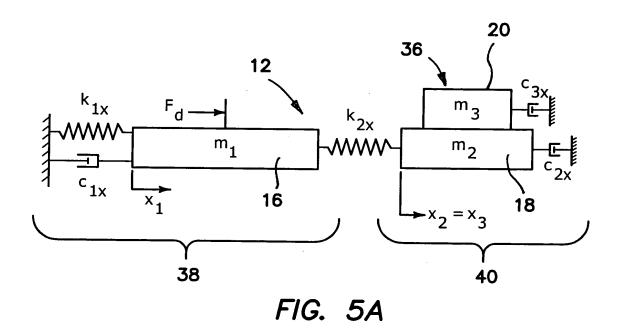
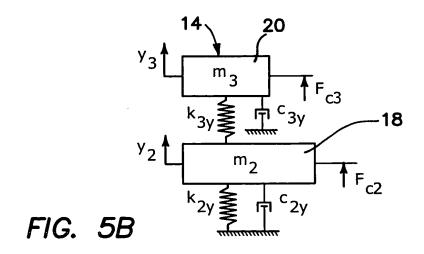


FIG. 4

Applicant: Shkel et al. Application No.: 10/789,037 Title: Nonresonant Micromachined Gyroscopes with Structural Mode-Decoupling

Attorney Docket No.: UC1.PAU.48





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Application No.: 10/789,037
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Gyroscopes with Structural Mode-

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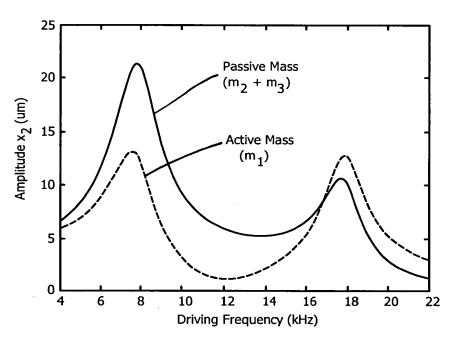


FIG. 6A

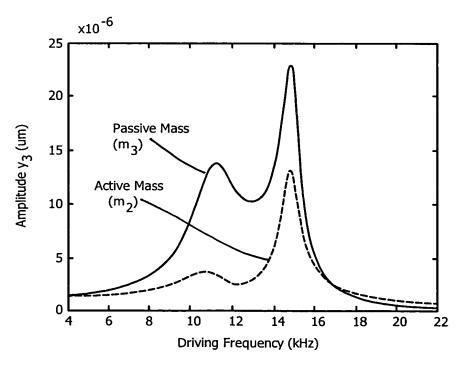


FIG. 6B

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Application No.: 10/789,037
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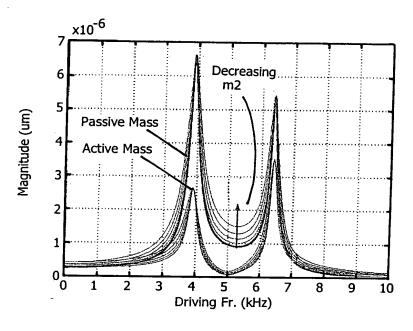


FIG. 7A

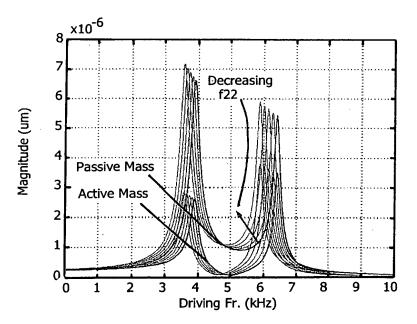


FIG. 7B

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Application No.: 10/789,037
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Gyroscopes with Structural ModeDecoupling
Attorney Docket No.: UC1.PAU.48

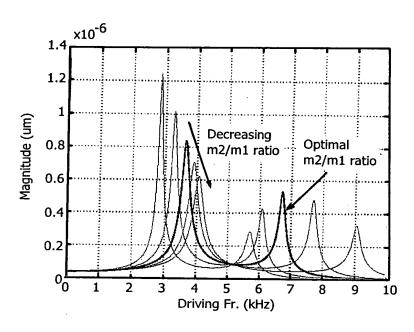


FIG. 8A

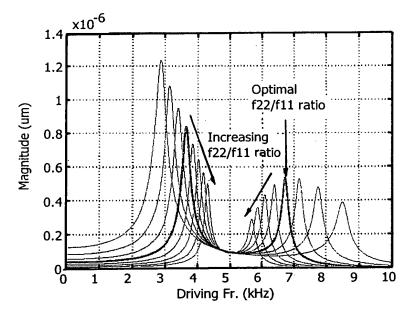


FIG. 8B

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Application No.: 10/789,037
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Attorney Docket No.: UC1.PAU.48

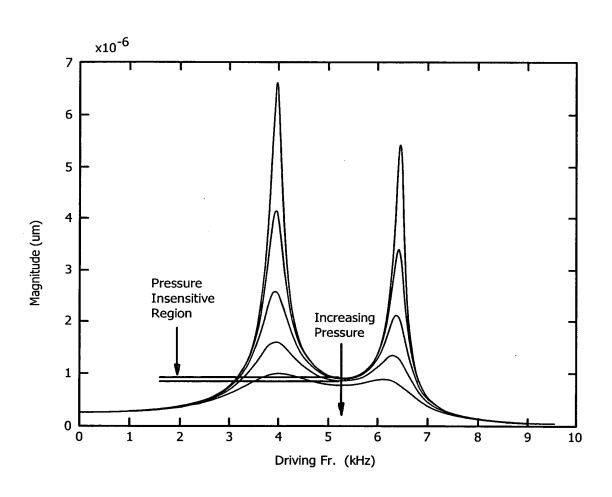


FIG. 9